

FIG. 1 is a schematic diagram of a power distribution system. The system includes a power source (26) connected to a meter (24) and a breaker panel (24). The breaker panel is connected to a transformer (20) labeled "Transformer #1". The transformer is connected to a line (14) that branches out to multiple transformers (20) labeled "Transformer #2", "Transformer #3", and "Transformer #N". Each transformer is connected to a line (14) that branches out to multiple homes (26). The line (14) is connected to a pole dip (10) which is connected to a sub station (10).

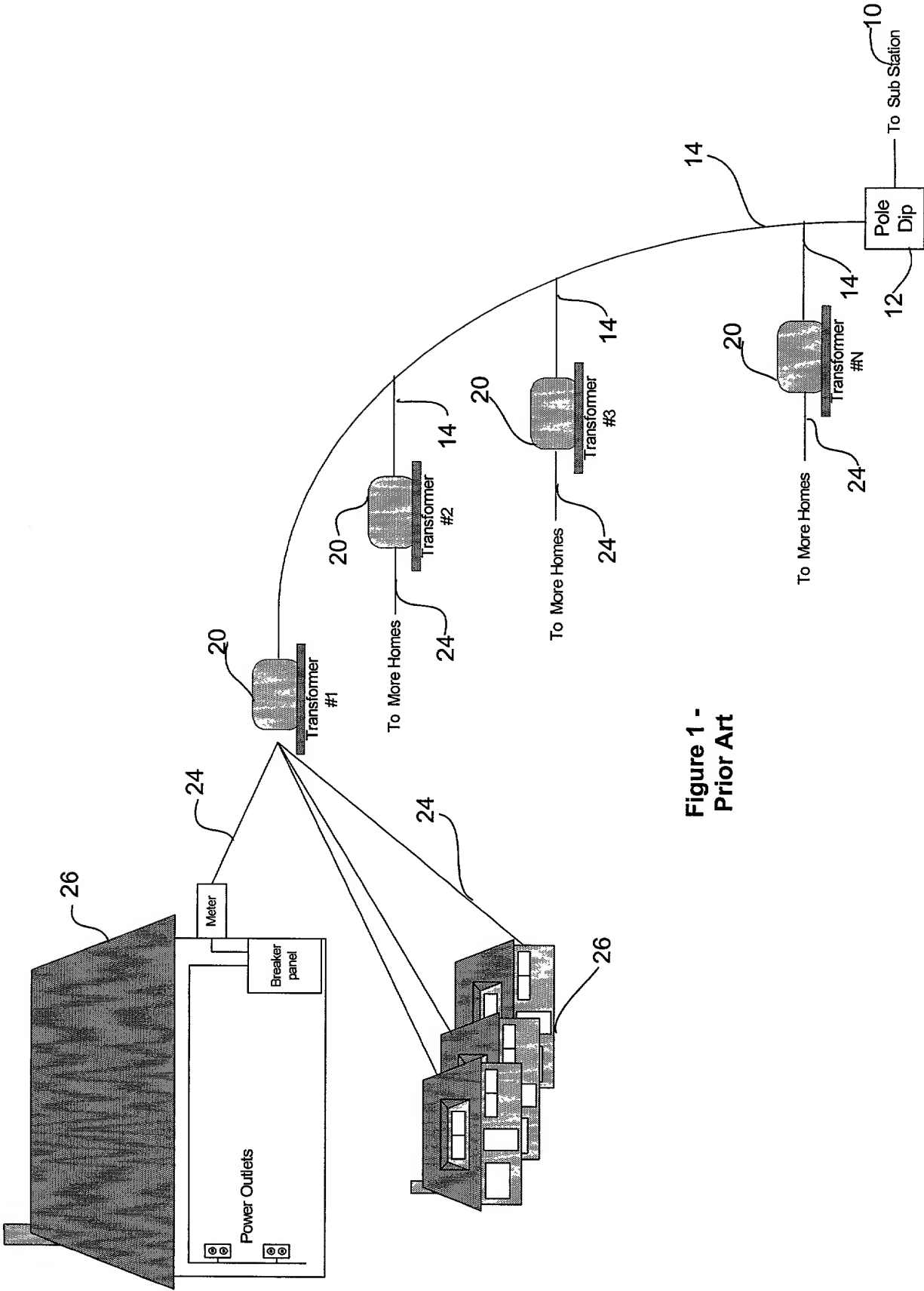


Figure 1 -
Prior Art

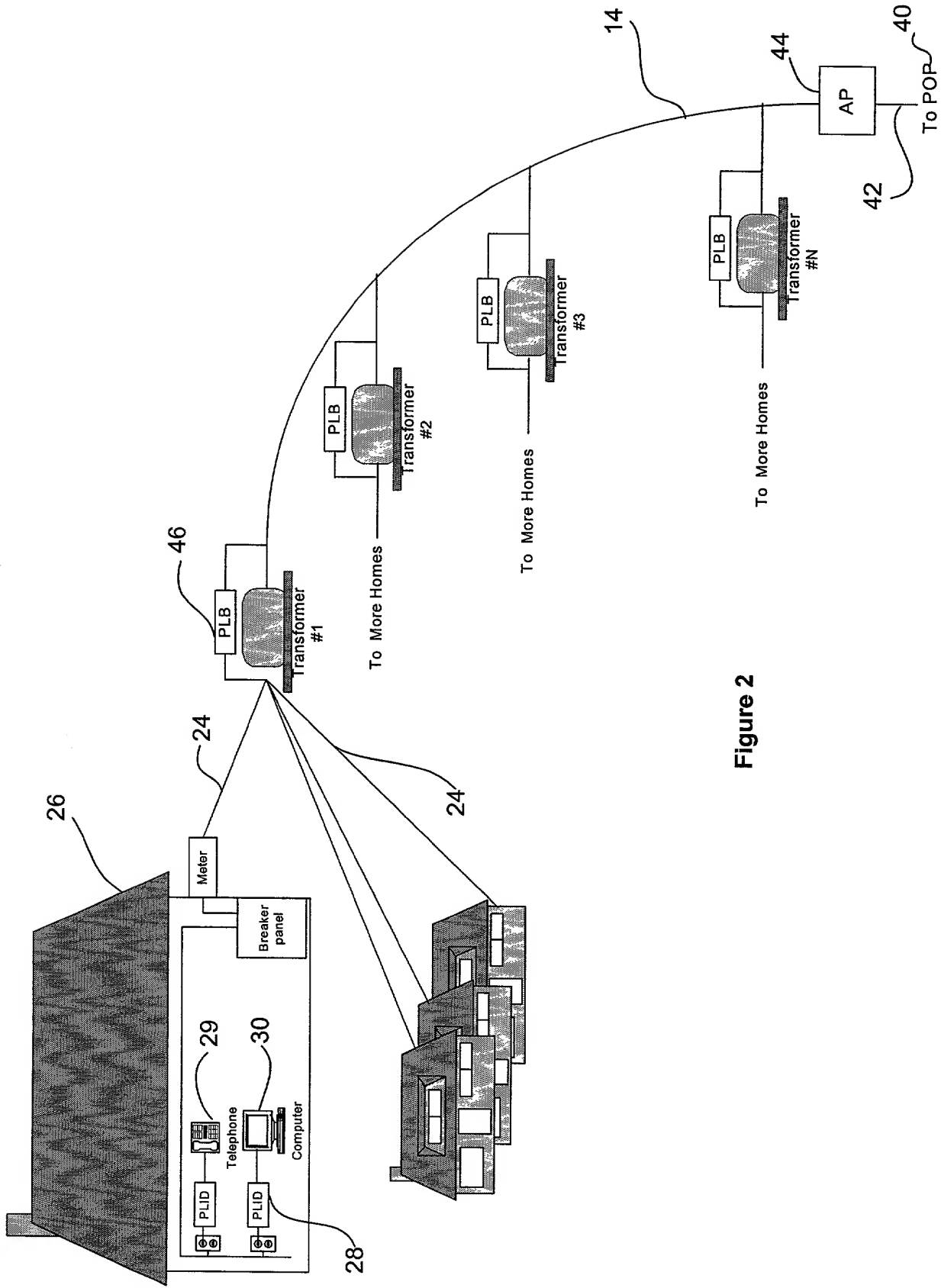


Figure 2

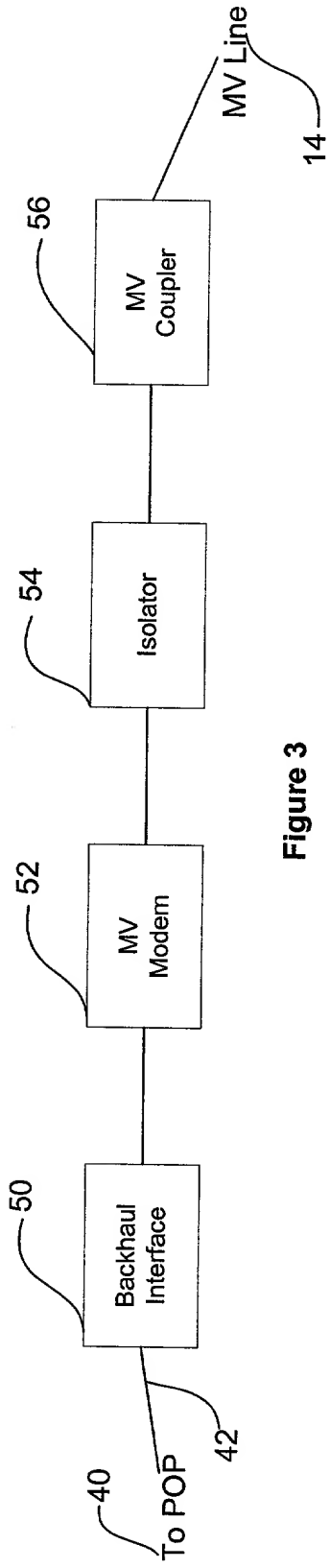


Figure 3

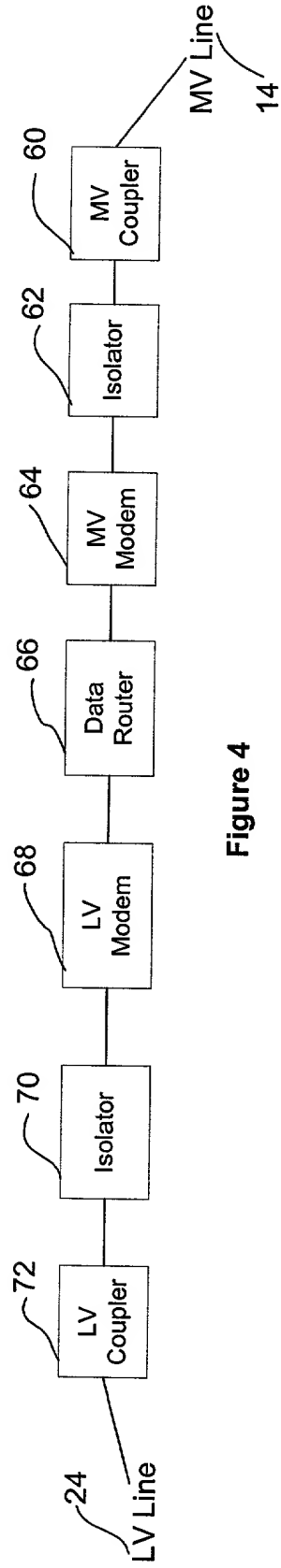


Figure 4

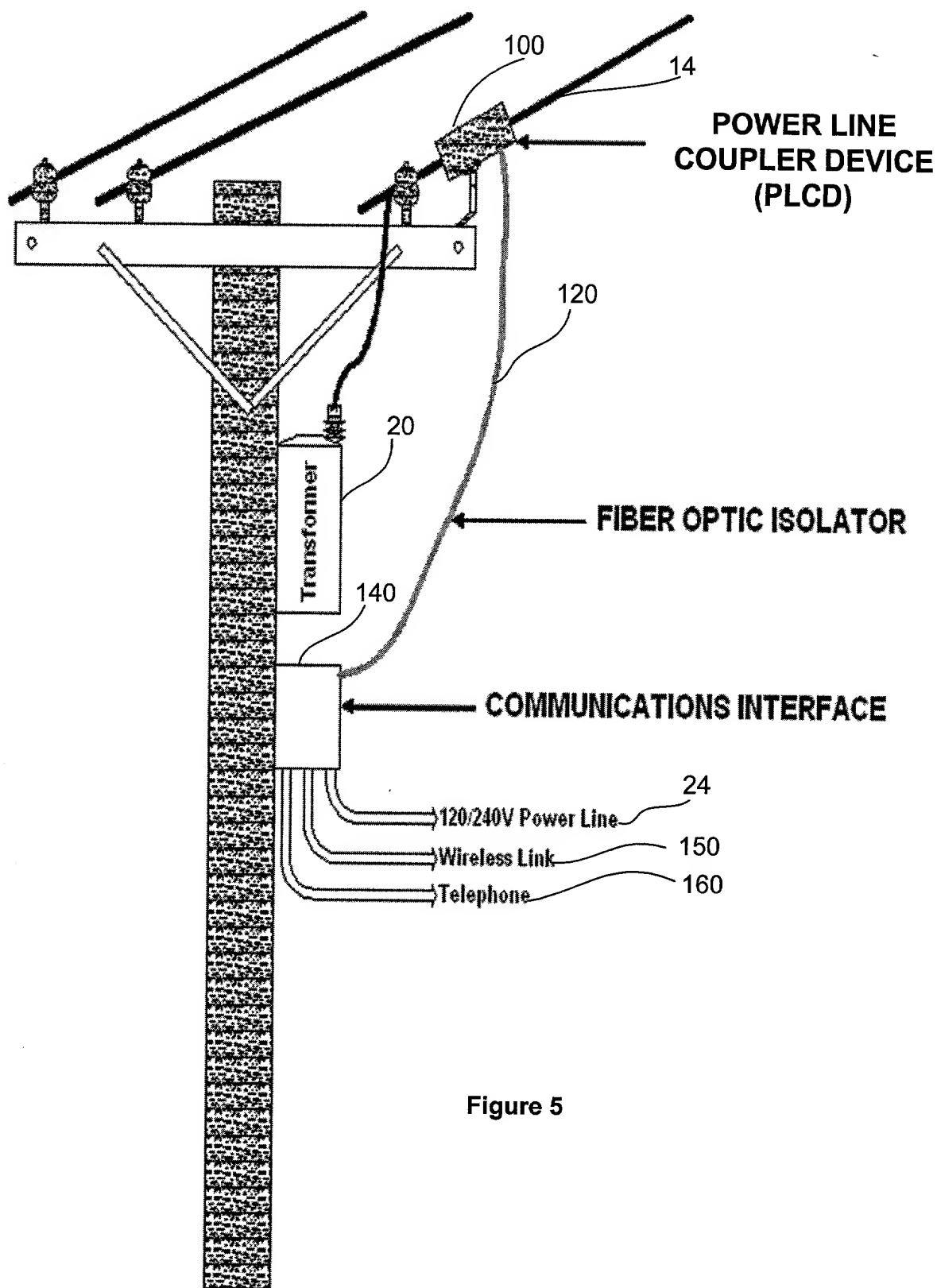


Figure 5

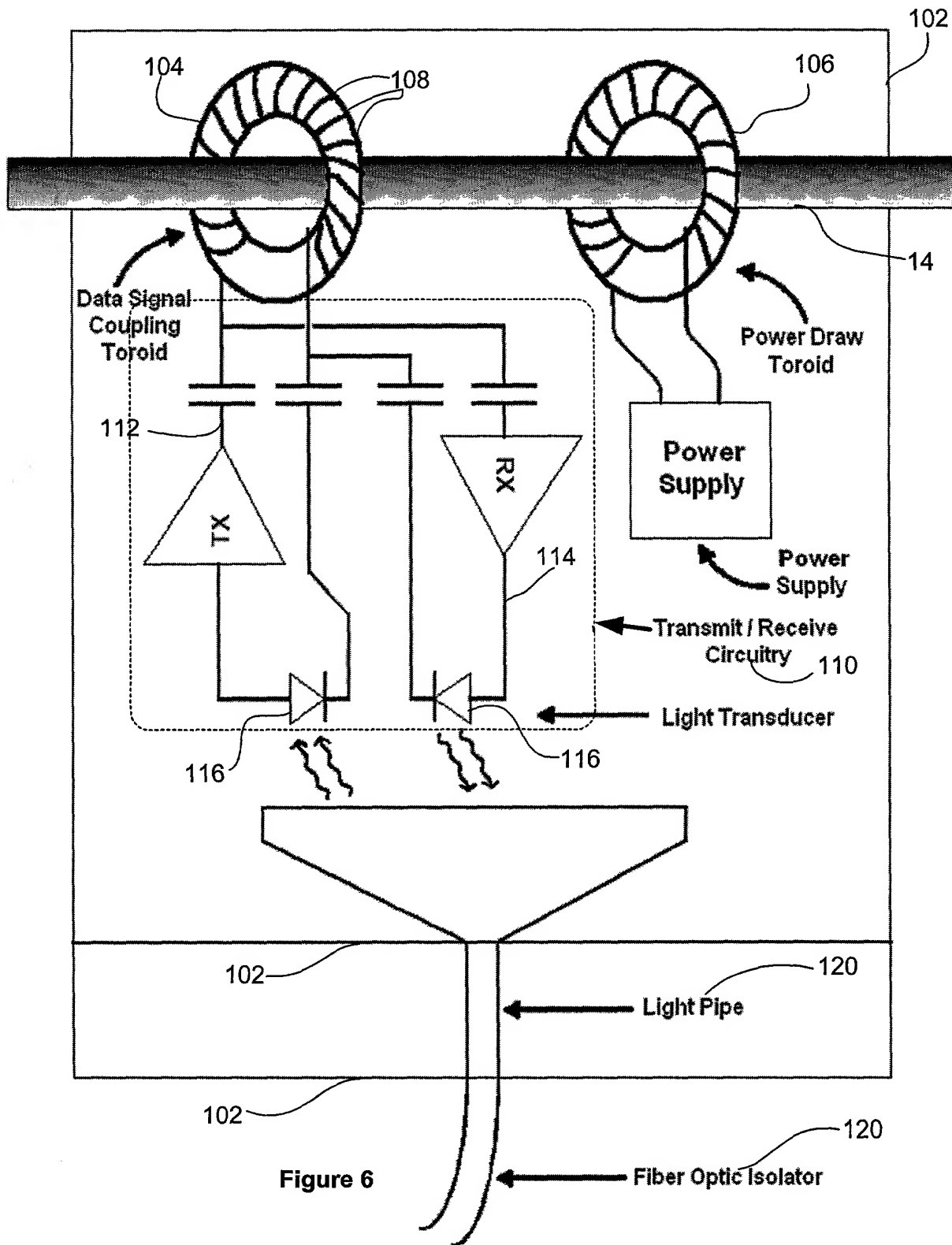


Figure 6